

UNIFIED ARCHITECTURE FOR CDMA NETWORK
AND METHOD OF OPERATION

ABSTRACT OF THE DISCLOSURE

There is disclosed, for use in a CDMA wireless network, a
5 partitioned selection and distribution unit (SDU). The partitioned
SDU comprises a first controller located in at least one base
station of the CDMA wireless network for performing radio dependent
functions, wherein the radio dependent functions are related to the
transfer of wireless traffic between base stations and mobile
10 stations in the CDMA wireless network. The partitioned SDU also
comprises a second controller located in the mobile switching
center of the CDMA wireless network for performing radio
independent functions, wherein the radio independent functions are
related to the transfer of voice traffic, data traffic, and/or
15 signaling traffic between the CDMA wireless network and a wired
network coupled to the CDMA wireless network.